

VARSHINI S JAGATE

 D/O Kalyan S,(K Bidre post),
Shettyhalli, Chickmagalur,
Karnataka, 577138.

 kalyanvarshini18@gmail.com

 9380166726

Education :

2019 - 2022

Bachelor of Science in Biochemistry, Microbiology and Biotechnology at JSS college of Arts, Commerce and Science, Mysore.

2022 - 2024

Pursuing my 4th semester Master of Science in Assisted Reproduction and Embryology at International Institute for Assisted Reproductive Technology and Research Center, University of Mysore.

Internship :

December 2023 - January 2024

Genea Fertility Centre, JP nagar, Bangalore.

I got opportunity to do internship in Genea Fertility Centre, Bangalore. Under the guidance of Dr.Divyashree and Hemanth Kumar.

I got opportunity to learn the following techniques:

- Semen analysis
- Semen preparation
- Semen processing
- Oocyte identification
- Follicular screening

Professional Skills :

Proficient in following techniques :

Andrology :

- Semen analysis
- Semen preparation for IUI/ICSI
- Semen processing
- Semen cryopreservation
- Quality control and record maintenance in Andrology laboratory

Embryology :

- **Micromanipulation:**

Handling and troubleshooting of micromanipulator

Preparation of gametes for ICSI

Intracytoplasmic Sperm Injection (ICSI).

- **Identification, scoring and culture of oocytes, embryos and blastocyst**
- **Embryo loading and transfer**
- **Cryopreservation and thawing of oocyte/embryo (by slow freezing and vitrification method)**
- **Quality control of ART laboratory**
- **Cleaning and maintenance of laboratory equipment**
- **Stock maintenance of consumables and media.**

Research Projects :

Title of Master Degree dissertation:

A retrospective study on the effect of aging on the quality of spermatozoa.

Under the guidance of Dr. Divyashree P S and Hemanth Kumar.

Conferences / Workshops Attended :

- **11th International Congress of Academy of Clinical Embryologists, Bharat.**
- **All India Budding Embryologists Meet at Embryo Milana 2.0 (in association with University of Mysore).**

References :

1) Dr.Dhanyatha G S

Fertility Specialist

Cloudnine Fertility

Ph : 9964321144

2) Dr.Srinivas M R

Clinical Embryologist

Course director - International Institute for Assisted

Reproductive Technology and Research Center

Ph : 9844081601

3) Dr.Shilpa C

Medical director, Siri caree IVF Center, Mysore

**Principal, International Institute for Assisted Reproductive
Technology and Research Center.**

Ph: 9945155551

E-mail: shilpasanthrupth@gmail.com

4) Dr. Divyashree P S

Infertility specialist

Medical director, Genea Fertility Center, Bangalore.

5) Hemanth Kumar M A

Scientific director

Clinical Embryologist, Genea Fertility Center, Bangalore.

Ph: 9538528762

E-mail: hemanthkmr482@gmail.com
